

## **Abstract**

**Title:** Assessment of motor skills and body composition in children participating in organized physical activity.

**Objectives:** Determine the level of motor skills and body composition in children participating in organized physical activity.

**Methods:** Final research sample included 29 preschool children (4-6years). Motor skills were evaluated by using of MABC - 2 motor test (Henderson et al., 2007) - Movemet Assessment Battery for Children – Second Edition. Body composition was measured using Body Mass Index (BMI) and skinfold thickness.

**Results:** The level of motor skills in gross motor subtest (Aiming,catching, throwing) and balance subtest did not differ significantly from the mean of of preschool children from the Czech Republic (50th percentile accoding to the manual of MABC-2 motor test). The results indicate the optimal development of basic motor skills of preschool children. Indicators of body composition (skinfold thickness and BMI) point out a healthy body weight in preschoolers participating in organized physical activity.

**Keywords:** Preschool age, gross motor skills, balance, body composition, motor skills